

Title (en)

FLOW SENSOR DEVICE AND METHOD RELATED THERETO

Title (de)

DURCHFLUSSSENSORVORRICHTUNG UND ENTSPRECHENDES VERFAHREN

Title (fr)

DISPOSITIF DE CAPTEUR DE DÉBIT ET PROCÉDÉ ASSOCIÉ

Publication

EP 3130895 A1 20170215 (EN)

Application

EP 15180720 A 20150812

Priority

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Abstract (en)

Flow sensor device (10) that comprises a first flow sensor arrangement (11) for intermittently measuring a flow rate (R) of a fluid (g) and a second sensor (12) for measuring a parameter (P) indicative of said flow rate (R) or of a change in said flow rate (R). The flow sensor device (10) further comprises a control unit (13) that is configured and arranged to receive at least one second measurement signal (S) from said second flow sensor (12), to generate a control signal (C) if the change in said flow rate (R) sensed by the second sensor (12) exceeds a predefined threshold value, and to trigger with said control signal (C) a measurement with said first flow sensor arrangement (11). The second sensor (12) uses less energy for the measurement than the first flow sensor arrangement (11) does.

IPC 8 full level

G01F 1/36 (2006.01); **G01F 1/684** (2006.01); **G01F 5/00** (2006.01); **G01F 15/00** (2006.01)

CPC (source: EP)

G01F 1/36 (2013.01); **G01F 1/684** (2013.01); **G01F 5/005** (2013.01); **G01F 15/002** (2013.01)

Citation (applicant)

US 6550324 B1 20030422 - MAYER FELIX [CH], et al

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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